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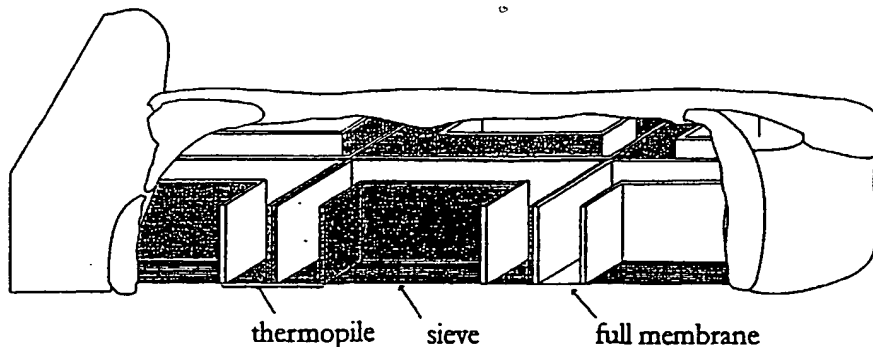
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(54) Title: MICROPHYSIOMETER



(57) Abstract: The present invention is related to an array device for monitoring the effect of a physical or chemical stimulus on multiple small samples, said array device comprising a supporting substrate at least two array elements that are separated from each other by a isolation zone, said array elements comprising: • A receiving zone arranged to provide a contact between said one of said samples and said physical or chemical stimulus, said receiving zone having a cross-section smaller than 10 mm. • A heat detection means arranged to perform a measurement of heat between said receiving zone and a reference, and said isolation zone being formed by at least part of said supporting substrate characterised in that said supporting substrate has sufficient strength to support said array device and said isolation zone is arranged to thermally isolate said array elements.

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INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

B. FIELDS SEARCHED
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

C. DOCUMENTS CONSIDERED TO BE RELEVANT:	
Category *	Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

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Y	paragraphs '0002!','0007!'- '0009!','0020!','0021!'; figure 1
X	MAYER G ET AL: "NANOTITERPLATES FOR SCREENING AND SYNTHESIS" BIOMETHODS, BIRKHAUSER, BASEL, CH, 1999, pages 75-128, XP000911754 ISSN: 1018-6255 page 105, paragraph 4.6 -page 111 page 85 -page 86
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1-4, 7, 8,
10, 11,
13, 14,
16-18
5, 12, 15

1,6-8

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☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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